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**Montana College Preparatory Curriculum Program 2012 – 2013 Academic Year**

Valier High School ----- Last Updated June 16, 2010

<p><b>English: Minimum Core – 4 years.</b> In each year the content of the course should have an emphasis upon the development of written and oral communication skills and literature.</p> <p><b>English: Rigorous Core – 4 years.</b> Recommendation: a designated college-prep composition or research writing course.</p>	<p><b>Social Studies: Minimum Core – 3 years.</b> The courses shall include Global Studies (such as World History or World Geography); American History; and Government, Economics, Indian History or other third year courses.</p> <p><b>Social Studies: Rigorous Core – 3 years.</b> As above, with recommendation: one half year or more of other courses such as psychology, humanities.</p>
<p><u><i>Yearlong English courses including Composition Speech, and Literature:</i></u></p> <p>Freshman English Sophomore English Junior English Senior English</p> <p><i>Other English courses which must be combined in such a way that each year's combination includes Composition, Speech, and Literature:</i></p> <p><u>Composition:</u> Creative Writing</p> <p><u>Speech:</u> N/A</p> <p><u>Literature:</u> N/A</p>	<p>Students must complete a full year of global studies such as World History or World Geography, a full year of American History, and an additional year in another social studies field such as economics, government, psychology, sociology, tribal government, or Indian Ed for All. (Per Joyce A. Scott, Deputy Commissioner Academic &amp; Student Affairs, April 2002.)</p> <p><u><i>Global Studies:</i></u></p> <p>World History</p> <p><u><i>American History:</i></u></p> <p>Montana History Native American Studies U.S. History</p> <p><u><i>Additional Social Studies Courses:</i></u></p> <p>Government</p>

<p><b>Math: Minimum Core – 3 years.</b>  Courses shall include Algebra I, Geometry and Algebra II (or the sequential content equivalent of these courses). Students are encouraged to take a math course in their senior year. NOTE: In school systems where a student may take Algebra I in 8<sup>th</sup> Grade, the student still must complete 3 years of college preparatory math in High School. (Per Richard A. Crofts, Commissioner of Higher Education, 1995.)</p> <p><b>Math: Rigorous Core – 4 years.</b>  A course beyond Algebra II or beyond Integrated Math III (such as Trigonometry, PreCalculus, Calculus, Computer Math, Integrated Math IV).</p>	<p><b>Science: Minimum Core – 2 years.</b>  Two years of laboratory science: One year must be earth science, biology, chemistry or physics. The other can be one of the courses listed below or another approved college preparatory lab science.</p> <p><b>Science: Rigorous Core – 3 years.</b>  One full year of general earth science, biology, and chemistry or physics.</p>
<p><u>Satisfies Minimum Core:</u></p> <p>Algebra I, II  Geometry</p> <p><u>Satisfies Rigorous Core:</u></p> <p>Advanced Math  Preparatory Calculus  Trigonometry</p>	<p><u>Lab Science Courses:</u></p> <p>Animal/Human Biology  AP Biology  Chemistry  Advanced Chemistry  Earth Science  Microbiology  Plant Biology  Physics</p> <p><u>Additional Science Courses:</u></p> <p>Anatomy and Physiology  Geology</p>
<p><b>Electives: Minimum Core – 2 years, chosen from the following.</b>  World Language (preferably 2 years); computer science, visual and performing arts, or vocational education units which meets the Office of Public Instruction (OPI) guidelines.</p> <p><b>Electives: Rigorous Core – 3 years, chosen from the following.</b>  Two years of second language, music, fine arts, speech and debate, career and technical education (such as information technology (IT) or computer science).</p>	
<p><u>Career, Vocational and Technical Education:</u></p> <p>Accounting I, II  Architectural Drafting  Business Math  CAD Drafting  CAD II  Career Development 9, 10  Carpentry  Computer Applications  Contemporary Problems  Electronics  Foods and Nutrition  Industrial Arts  Interior Design  Introductory Welding  Keyboarding  Mechanical Drafting  Preparation for Life Skills  Project Welding  Small Engines  Woods I, II  Word Processing</p>	<p><u>Music:</u></p> <p>Band  Chorus</p> <p><u>Fine Arts and Speech &amp; Debate:</u></p> <p>Art I, II  Art History</p> <p><u>World Language:</u></p> <p>Spanish I, II</p>